

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 2 | "20020162539" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/06 10:58 |
| L2 | 2 | "20020041475" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/06 11:00 |
| L3 | 2 | "20040008032" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/06 11:01 |
| S1 | 297 | 361/139.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 09:33 |
| S2 | 70 | "4736267" "6232781" "5173832" 2002/0162539 "6497222" "6700301" 2002/0041475 "6820474" 2004/0008032 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 09:38 |
| S3 | 4 | "1138917" "0358972" "1139442" "19723456" "68902028" "19936858" "10033196" "10016476" | EPO | OR | ON | 2006/04/04 09:37 |
| S5 | 46 | "5512756" "6300753" "6311950" "6487505" "6349705" "6435162" "6366868" "6563252" "6661155" "6460657" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 09:49 |
| S6 | 3124 | (actuator) same (diagnostic diagnosis) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 15:37 |

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| S8 | 7 | S6 and voltage same (second adj current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 11:24 |
| S9 | 7 | S6 and voltage same (second adj current) and current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 11:25 |
| S10 | 7 | "6366868" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 18:28 |
| S11 | 2 | "6366868" and second and piezo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 15:25 |
| S12 | 3 | "6366868" and current and piezo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 15:25 |
| S13 | 18 | (actuator) same (diagnostic diagnosis) and (second adj current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 16:20 |
| S14 | 18 | ((actuator) same (diagnostic diagnosis)) and (second adj current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 15:43 |
| S15 | 181 | ((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator same (diagnostic diagnosis)) and (second adj current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 17:16 |

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| S16 | 36 | ((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator) same (diagnostic diagnosis) and (second adj current)and fuel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 15:45 |
| S17 | 2 | ((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator) same (diagnostic diagnosis) and (second adj current)and fuel and piezo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 15:45 |
| S18 | 174 | (actuator) same (diagnostic diagnosis identification analysis examination classification determination projection prediction) and (second adj current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 16:21 |
| S19 | 2194 | ((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator) same (driver) and (second adj current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 17:17 |
| S20 | 62 | ((L inductance inductor bobine choke coil transformer solenoid actuator winding wound) actuator) same (driver) and (second adj current) and piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 17:17 |
| S21 | 56858 | (actuator drive) same transformer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 18:29 |
| S22 | 2033 | (actuator drive) same transformer same piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 18:30 |
| S23 | 12 | ((actuator drive) same transformer same piezoelectric) and fuel and ((second adj current) I2 (current adj path)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 18:31 |

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| S25 | 9 | piezo adj drive adj voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 18:41 |
| S26 | 441 | piezo adj drive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 18:41 |
| S27 | 33 | (piezo adj drive) and fuel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 18:42 |
| S28 | 1259 | (piezo\$drive piezo\$charge piezo\$discharge piezo\$actuator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 22:55 |
| S29 | 21 | S28 same transformer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 19:04 |
| S30 | 4 | "2002000761" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 20:50 |
| S33 | 76 | "000761" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 20:51 |
| S36 | 9 | "1138917" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 20:51 |

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| S37 | 16 | "5173832" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 20:53 |
| S38 | 81 | "4589401" "4618908" "4736267" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 21:03 |
| S39 | 1 | jp2002101673 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 21:14 |
| S40 | 4 | "2002101673" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 21:14 |
| S41 | 16 | "5173832" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 21:36 |
| S42 | 56 | (piezo\$drive piezo\$charge piezo\$discharge piezo\$actuator) and (charge same discharge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 22:56 |
| S43 | 33 | (piezo\$drive piezo\$charge piezo\$discharge piezo\$actuator) and (charge same discharge) and fuel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 12:34 |
| S46 | 28 | "3128679" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 23:04 |

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| S47 | 5 | (piezo\$drive piezo\$charge piezo\$discharge piezo\$actuator) and (charge same discharge) and fuel and charg\$3/discharg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 12:35 |
| S48 | 1227 | (coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and short with (power supply) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 14:01 |
| S49 | 1227 | (coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and (short with (power supply)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 14:01 |
| S50 | 4 | (coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and (short with (power supply)) and fuel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 14:02 |
| S51 | 167 | (coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and (short with (power supply)) and fuel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 14:03 |
| S52 | 31 | (coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short near ground) and (short near (power supply)) and fuel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 14:05 |
| S53 | 10 | (coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short near ground) and (short near (power supply)) and ((second two) adj current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 14:16 |
| S54 | 131 | (coil (electromagnetic adj actuator) solenoid) same (test\$3 sens\$3 detect\$3) and (short with ground) and (short with (power supply)) and ((second two) adj.current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 16:40 |

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| S55 | 34 | (L inductance inductor bobine choke coil transformer solenoid actuator winding wound) same (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) same (short near32 ground) same (short near3 (power source)) and (((second two) near current) i2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 16:56 |
| S56 | 1 | (L inductance inductor bobine choke coil transformer solenoid actuator winding wound) same (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) same (short near32 ground) same (short near3 (power source)) and (((second two) near current) i2)and voltage and fuel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 16:45 |

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| S57 | 1 | (L inductance inductor bobine choke coil transformer solenoid actuator winding wound) same (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) same (short near32 ground) same (short near3 (power source)) and (((second two) near current) i2) and voltage and fuel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 16:45 |
| S58 | 86 | (L inductance inductor bobine choke coil transformer solenoid actuator winding wound) same (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) and (((short near32 ground) same (short near3 (power source)) and (((second two) near current) i2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 16:58 |
| S60 | 4 | ("0020020") or ("0000761").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/05 17:32 |
| S61 | 1 | ("20020000761").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/05 17:32 |
| S63 | 2 | 09/824192 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 17:59 |